

FIG. 1 is a schematic diagram of a network architecture. The diagram shows a central cloud labeled "INTERNET 40". To the left of the cloud, there are three vertical stacks of boxes. Each stack is labeled "50" and contains two boxes labeled "60" and "70". Below these stacks is a single box labeled "100" containing "110". To the right of the cloud, there are three vertical stacks of boxes. Each stack is labeled "80" and contains a box labeled "85". Below these stacks is a single box labeled "100" containing "110". At the bottom of the diagram, there are several boxes and cylinders. A row of boxes labeled "120" contains three boxes labeled "125". Below these boxes is a row of boxes labeled "130" containing four boxes labeled "135". Below the "135" boxes are two cylinders labeled "140". To the right of the cylinders is a box labeled "150" containing "155". The diagram shows various connections between these components and the central "INTERNET 40".

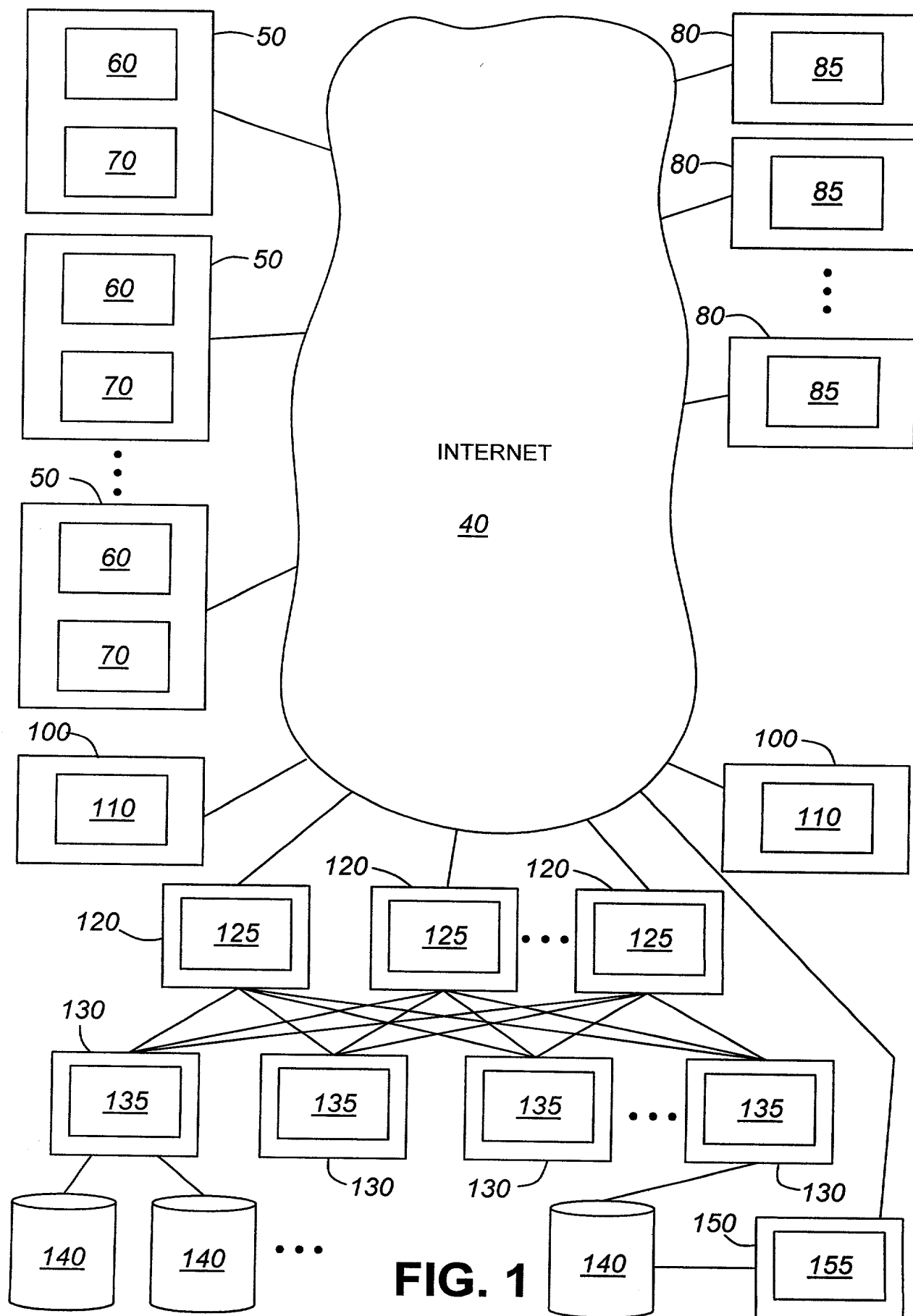


FIG. 1

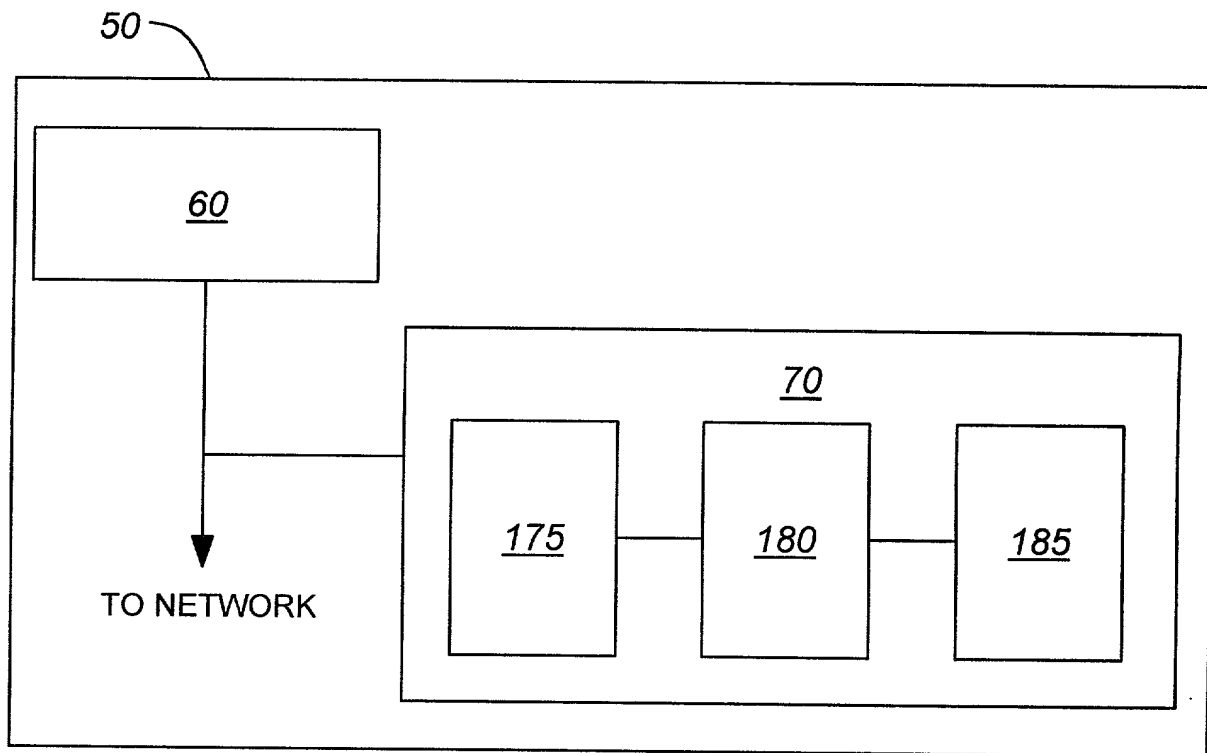


FIG. 2

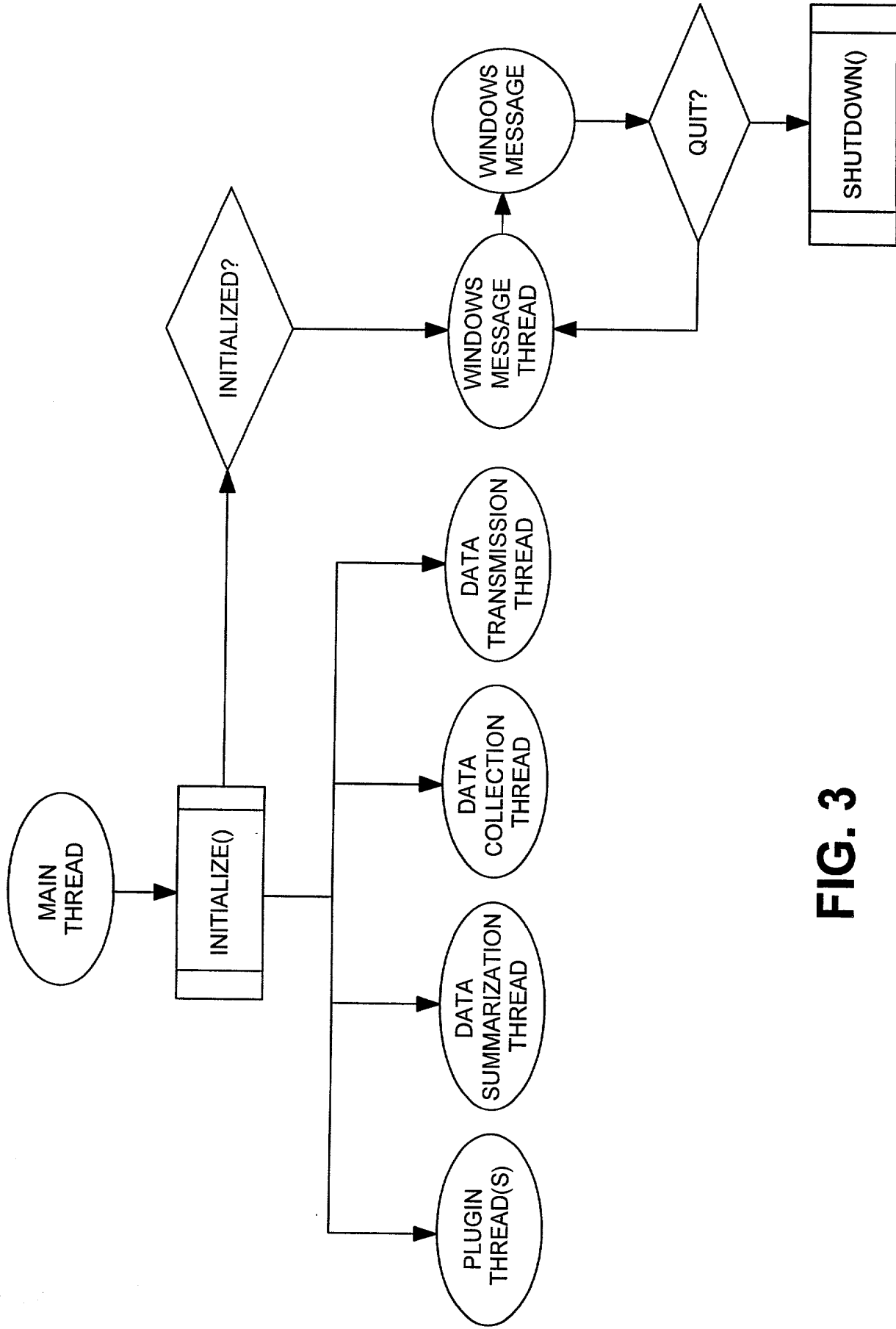


FIG. 3

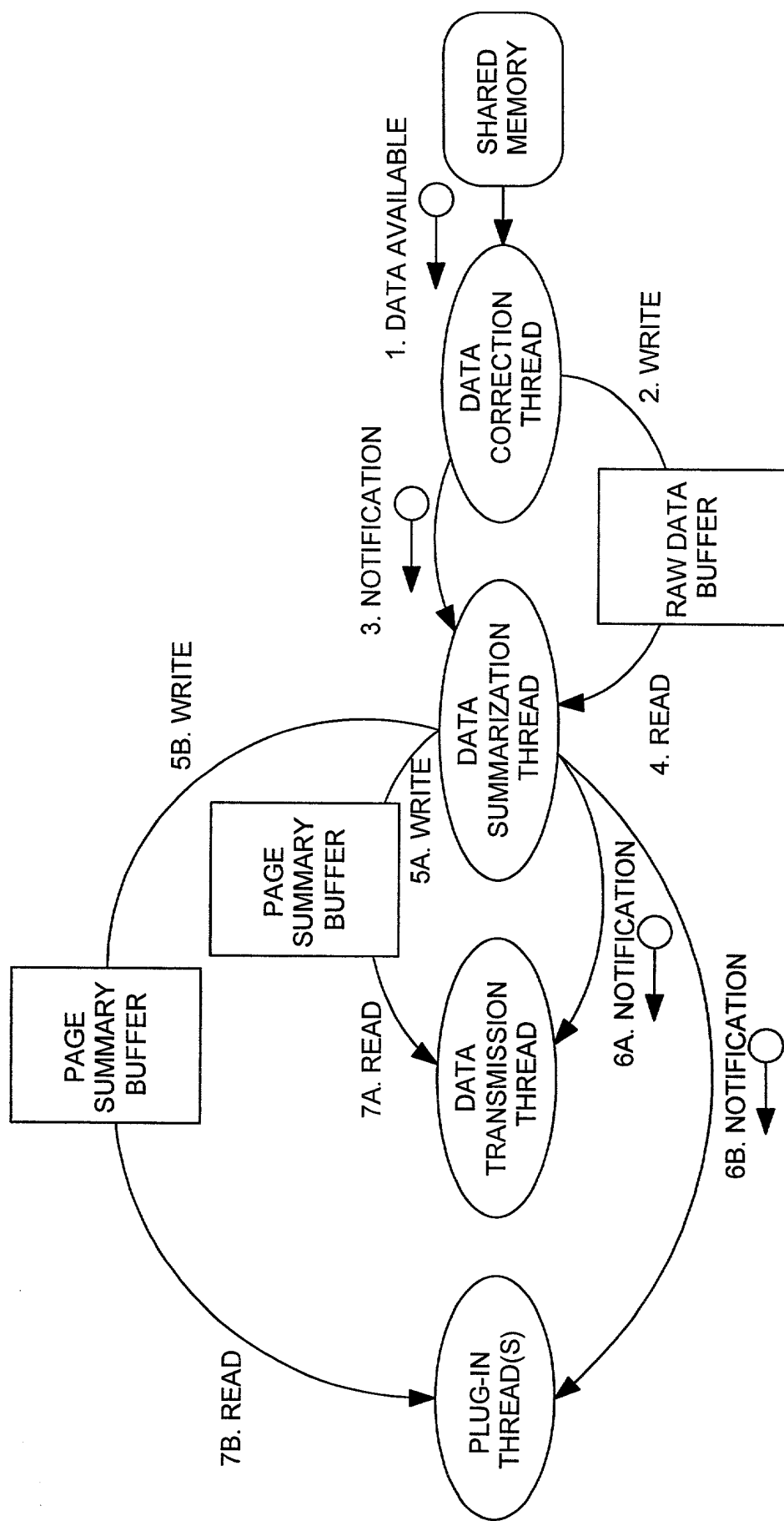


FIG. 4

Packet Size: 1200
pid: 340
threadId: 368
timeStamp: 952372115
state: 2
clientCookie.versionMajor: 1
clientCookie.clientCookie.versionMinor: 2
clientCookie.source: webHancer
clientCookie.clientId: 3439438016167880896952357565
clientPostCode:
clientIpAddr: 167880896
dnsLookupTime: 0
connectionDelay: 10
clientMaxAccessSpeed: 818000
userAgent: Mozilla/4.0(compatible;MSIE 5.0;Windows NT;DigExt)
usingProxy: 1
host: www.yahoo.com
hostIpAddr: 3439438016
httpMethod: 0
target:/
referer:
httpResponse: 200
numFramesetPages: 0
numPageGets: 4
numGetRequestsSent: 4
numGetResponsesReceived: 4
numOkResponses: 4
numOkCachedResponses: 3
numMovedPermanentlyResponses: 0
numNotModifiedResponses: 0
numNotFoundResponses: 0
numSuccessResponses: 4
numClientErrorResponses: 0
numServerErrorResponses: 0
numBytesSent: 1160
numBytesReceived: 20070
numApplicationBytes: 0
numImageBytes: 7413
numTextHtmlBytes: 11768
numTextPlainBytes: 0
numTextXmlBytes: 0
numTextOtherBytes: 0

FIG. 5A

numAudioBytes: 0
numVideoBytes: 0
numCachedBytes: 7413
pageLoadTime: 932
totalTransferTime: 1352
totalNetworkRTT: 10
totalConnectTime: 10
totalDNSLookupTime: 0
applicationTransferTime: 0
audioTransferTime: 0
imageTransferTime: 420
textHtmlTransferTime: 932
textPlainTransferTime: 0
textXmlTransferTime: 0
textOtherTransferTime: 0
videoTransferTime: 0
contentThroughput: 14844.7
applicationThroughput: 0
audioThroughput: 0
imageThroughput: 17650
textHtmlThroughput: 12626.6
textPlainThroughput: 0
textXmlThroughput: 0
textOtherThroughput: 0
videoThroughput: 0

FIG. 5B

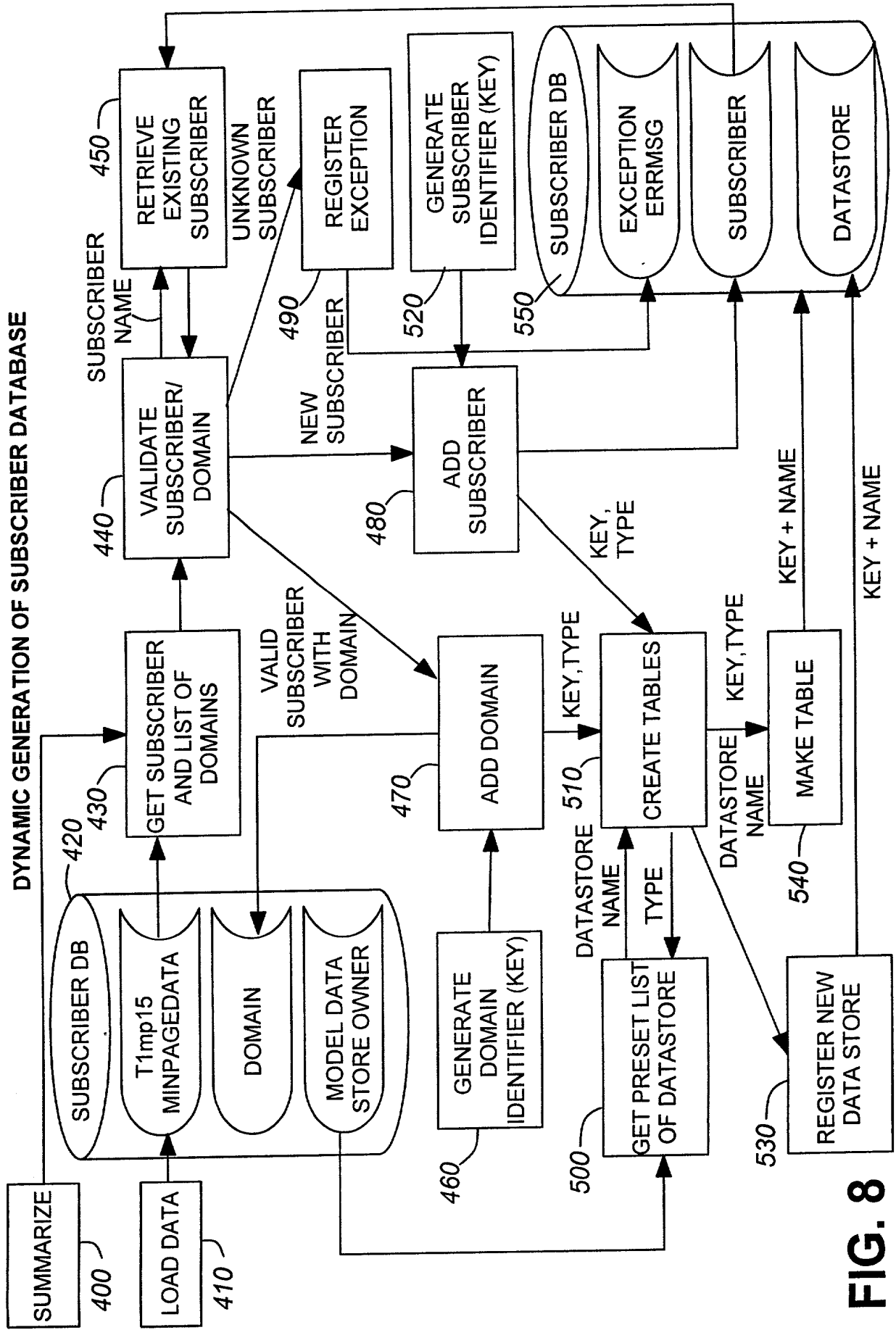


FIG. 8

DATA ACCESS PATH-SECURITY

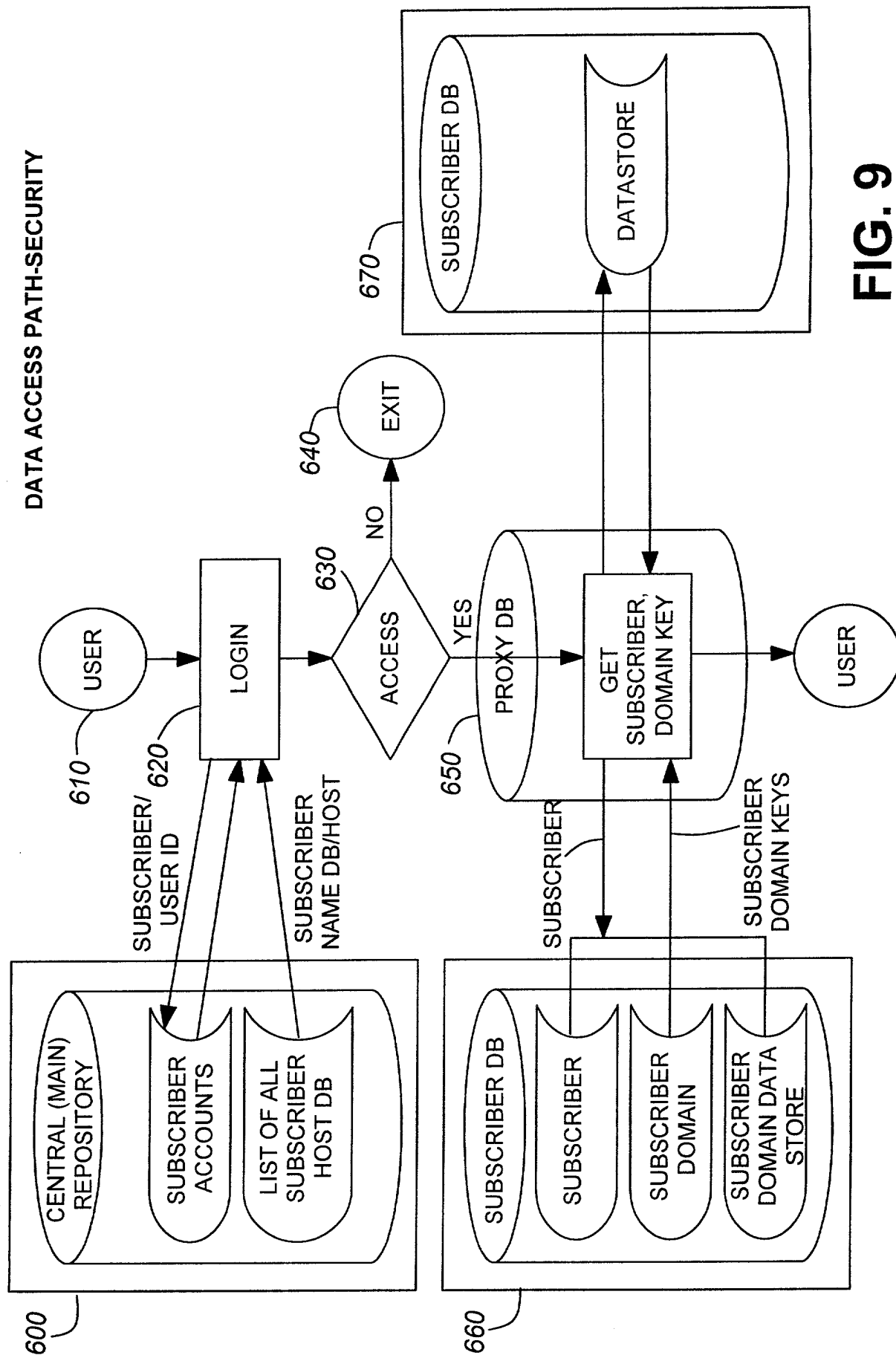


FIG. 9